



**POWER OF ATTORNEY
AND REVOCATION OF PREVIOUS POWERS
By Assignee**

Cadence Design Systems, Inc., assignee(s) of the application for United States Letters Patent for an improvement in

**SOLVING CONSTRAINT SATISFIABILITY PROBLEM FOR AUTOMATIC
GENERATION OF DESIGN VERIFICATION VECTORS**
by: **Chung-Yang Huang**

JUL 01 2004

the specification of which:

TECH CENTER 2800

- ☐ is filed herewith, OR
☒ was filed on October 24, 2001, having U.S. Patent Application Serial No. 10/029,596.

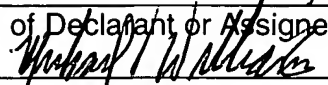
does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, and hereby revokes all powers of attorney previously given and appoints all of the registered practitioners identified by:

Customer Number 23639

Please direct all inquiries to **Peter C. Mei**, at the above Customer Number.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from **Chung-Yang Huang, the inventor, to Verplex Systems, Inc., the assignee(s)**, which was sent for recordation on **October 24, 2001**, and from **Verplex Systems, Inc. to Cadence Design Systems, Inc.**, which has been sent for recordation under separate cover, copies of each of which are attached hereto.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Cadence Design Systems, Inc.	
Post Office Address: 2655 Seely Avenue, San Jose, California 95134	
Signature of Declarant or Assignee: 	Date: 5-20-04
Full Name of Declarant	
If Other Than Assignee: Michael J. Williams	
Title of Declarant: Vice President and Associate General Counsel	
Address of Declarant: 2655 Seely Avenue, San Jose, CA 95134	

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, Chung-Yang Huang of Fremont, California, hereby sell, assign and transfer to Verplex Systems, Inc., a California corporation, having a place of business at 300 Montague Expressway #100, Milpitas, California 95035, its successors and assigns, the entire right, title and interest throughout the world in my invention in

SOLVING CONSTRAINT SATISFIABILITY PROBLEM FOR AUTOMATIC GENERATION OF DESIGN VERIFICATION VECTORS

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

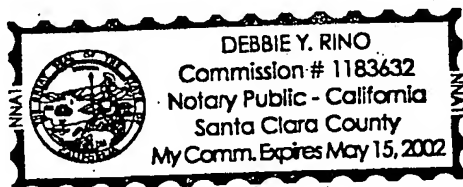
Executed this 22nd day of October, 2001.

Chung-Yang Huang
Chung-Yang Huang

State of California)

County of Santa Clara) ss

On October 22, 2001 before me, Debbie Y. Rino personally appeared Chung-Yang Huang personally known to me or ~~proved to me on~~ the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Debbie Y. Rino
SIGNATURE OF NOTARY

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, **VERPLEX SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **CALIFORNIA**, with a place of business at **300 Montague Expressway, #100, Milpitas, California 95035** (hereinafter referred to as "**ASSIGNOR**"), has sold, assigned, transferred and set over, unto **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **2655 Seely Avenue, San Jose, California 95134** (hereinafter referred to as "**ASSIGNEE**"), its success, legal representatives and assigns, **ASSIGNOR'S** entire right, title and interest in, to and under a certain invention entitled **SOLVING CONSTRAINT SATISFIABILITY PROBLEM FOR AUTOMATIC GENERATION OF DESIGN VERIFICATION VECTORS** for which application for Letters Patent of the United States of America was filed on **October 24, 2001**, and assigned U.S. Application No. **10/029,596**, as well as any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and **ASSIGNOR** hereby authorizes and requests the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said **ASSIGNEE**, its successors and assigns, in accordance with this instrument.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenant that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to **ASSIGNOR** and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof.

IN WITNESS WHEREOF, **VERPLEX SYSTEMS, INC.** has caused this instrument to be signed by a duly authorized corporate officer and its corporate seal to be affixed, as of this 19th day of May, 2004.

Verplex Systems, Inc.



R.L. Smith McKeithen
Secretary